Abstract

Restoration is a procedure of recoupling a picture from a corrupted state. The image enhancement and restoration requires the image matrix processing, which utilizes the noise removal and contrast enhancement. The image enhancement method in the proposed model usually utilizes the color enhancement, histogram equalization, color illumination, neighbor based reference model, non-reference image matrix enhancement and co-variance based matrix enhancement. In this paper, the combination of the neighbor based reference model and non-reference image matrix enhancement is proposed for the enhancement of the results. The experimental results have been performed over the grayscale standard images of the Lena, Baboon, Barbara and Peppers.

References

Adaptive Image Quality Enhancement with Hybrid Pixel Enhancement Approach

2000.

Index Terms

Computer Science Image Processing

Keywords

Image enhancement, contrast enhancement, noise elimination, contrast adjustment.